



ecology and environment, inc.

CLOVERLEAF BUILDING 3, 6405 METCALF, OVERLAND PARK, KANSAS 66202, TEL. 913/432-9961

International Specialists in the Environment

Site:	<u>Linwood Quarry</u>
ID #:	<u>180988 52297</u>
Break:	<u>163</u>
Other:	<u>E+E</u>
	<u>11-27-89</u>

MEMORANDUM

TO: Pete Culver, RPO
THRU: Sharon Martin, E&E/FIT *SM*
FROM: Wesley McCall, E&E/FIT
DATE: November 27, 1989

RECEIVED
NOV 28 1989
PREP SECTION

SUBJECT: Follow up sampling at the Umthun Trucking site (now Linwood Quarry).

TDD# F-07-8809-008

PAN# FIA0236SB

Site #V86

Project #001

Task Leader: Wesley McCall

Superfund Contact: Pete Culver, RPO

The E&E/FIT contacted Gaillard Krewer, Mine Engineer at Linwood Quarry in Buffalo, Iowa to confirm their schedule for cleanup operations in the facility's mine vent chamber. Mr. Krewer indicated the FIT should be able to sample the kiln fly ash at the requested time of November 30th through December 1st, 1989. Mr. Krewer also said Linwood personell would train the FIT members as necessary for activities in the mine.

A FIT crew consisting of Wesley McCall and Ladd Hastings propose collecting two samples of the fly ash from the mine vent chamber. Monitoring and observation of site conditions which could potentially affect local groundwater character- istics will be conducted. The two fly ash samples will be submitted to the EPA Region VII Laboratory on December 4, 1989 for total metals, sulfide, and E.P. Toxicity analyses.

The FIT proposes changing the site name for this project from Umthun Trucking to Linwood Quarry. The reason for changing the site name is that Linwood Quarry generates and stores the fly ash at this site as well as owns the property which is leased to Umthun Trucking for their terminal. The fly ash is a potential hazardous material which is generated by coal fired lime kilns operated by Linwood Quarry on site. Presently the ash is vented into an abandoned mine chamber of the quarry to precipitate some of the <5 micron particulates before it is released to the atmosphere.

Attachments: Analytical Services Request Form
TDD# F-07-8809-008 : requested amendments



REGION VII ANALYTICAL SERVICES REQUEST FORM

Activity Number: DSX 34 **Date:** November, 1989
Site Name & Location: Linwood Quarry (formerly Untham Trucking)
EPA Contact: Pete Carter **Section/Branch:** Super Fund
Contractor: Anne Melia, ETE/FIT **Phone Number:** 236-2456
Projected Sample Delivery Date: December 4, 1989

REQUEST SUMMARY

<u>Number of Samples</u>	<u>Matrix</u>	<u>Parameters</u>
<u>2</u>	<u>coal fly ash</u>	<u>Total Metals</u> <u>* Sulfide</u> <u>* EP Toxicity</u>

SPECIAL REQUIREMENTS OR COMMENTS:

* SAs: Two coal fly ash samples for sulfide analysis and EP Toxicity

APPROVALS:

EPA Contact (Project Officer) Date

DATA REVIEW OPTIONS:

☐ In-depth
☒ Minimal
☐ No Review

Section or Branch Chief Date

NOTE: Submit to RQAO/ENSV 30 days prior to sample delivery date.

FOLLOWING TO BE COMPLETED BY ENVIRONMENTAL SERVICES DIVISION ONLY:

Concurrences:

RQAO _____ ☐ Generic ☐ Site-Specific ☐ Other
 LABO _____

Comment:

Lab Assignment
☐ Region VII _____
☐ CLP _____
☐ ESAT _____
☐ TAT _____
☐ Other: _____

Scheduled Completion

☐ Routine
 { In-house: 4 weeks }
 { CLP: 8 weeks }
☐ Other: _____

Date: _____

Distribution

☒ EPA Contact
☒ Chief, LABO/ENSV
☐ Chief, ANSV/LABO
☐ Chief, MSSV/LABO
☒ Chief, CLQA/LABO
☒ Data Coordinator
☒ RSCC
☐ ESAT Team Leader
☐ TAT Team Leader
☐ Contractor _____
☐ Other: _____

Field Sheet Data

Activity #: DSX04

Site Name: Umthun Trucking

Location: Buffalo, Iowa

Task Leader: Wes McCall

Sample Container: 8-ounce glass jar

Sample Matrix: coal fly ash

Parameters: Total Metals and sulfide (sHs)

Preservative: None